HD IP CAMERA

Quick Operation Guide

OV9712S+HI3518C

Thank you for using our product, please read this manual carefully before use.
Please refer to the complete User manual for more information from the CD.

1 Unpacking Inspection

1. Once receive the product, the user should open the outer packing box to check the appearance for obvious damage.

2. Please referring to the following list to check whether the accessories are complete.

Accessories list

Accessory name	Number
IP camera	1
CD（users guide）	1
Quick Operation Guide	1

Mind you respected user, important operations and maintenance (repair) guide are described in the attached product instruction.

Mind you respected user, uninsulated "dangerous voltage" exists, please be aware of electric shock.

2 Product Notes

Thank you for buying our IP camera, please read the following instructions carefully to learn the related operation.

1. Before using the camera，please read this guide book carefully and make sure the power supply is normal.

2. Users should follow the manufacturer's instructions to install device professionally and must not dismantle the equipment without permission.

3. To prevent the sensor pull light phenomenon, prohibit putting the lens under bright light for a long time.

4. If the lens is dirty or foggy, please use a dry soft cloth to clean it.

5. The equipment must not be installed under the air door of air conditioner , otherwise the lens will become blurry and condenses into moisture.

6. When install, repair or clean the equipment, please make sure the power has been turned off.

7. Stay away from high temperature and heat source environment, pay attention to ventilation.

8. To avoid damage and electrical shock, non-professionals are forbidden to dismantle the equipment.

9. Prohibit putting this equipment to work in strong magnetic field and laser beam environment.

10. If there is lightning during installation, please take grounding lightning protection measures.

11. Damages to the machine and all other economic losses caused by human are at your own risk.

Reminders:

- Power supply must pass safety certification ,Its output voltage, current, voltage polarity and operating temper ature must match requirement of this equipment.
- Please install lightning protection devices or cut off the power in thunder and lightning conditions.
- To capture high-quality video and pictures, please make sure the network connection is stable and smooth.

3 Main Features

1. Ultra-low illumination and high-performance real-time screen, support ABLC image effect.

2. Support WEB configuration, and IE network Monitoring

3. Support dual-stream.

4. Support OSD, color, brightness, saturation and digital zoom settings settings.

5. Support real-time video transmission, video motion detection and privacy masking.

6. Support remote monitoring, ONVIF2.4 protocol and IR-CUT switch.

7. Support P2P network platform.

4 Parameter Description

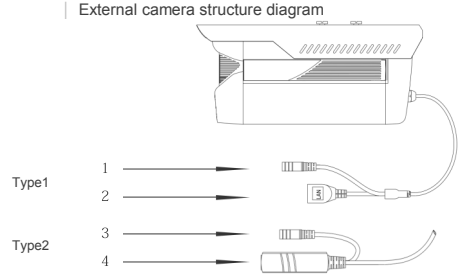
Name	OV9712S+HI3518C
Sensor type	1/4" 1.0 Megapixel CMOS Image sensor OmniVision OV9712s
Minimum Illumination	0.5 Lux
S/N Ratio	>50db
Shutter	1—1/10000s(adjustable)
Lens	2.8mm/3.6mm/4mm/6mm/8mm/2.8-12mm(adjustable),Lens optional
Lens interface type	C/CS
Day/Night	ICR-infrared filter
Video Compression	H.264/JPEG
Bit Rate	64-12000Kbps
Max image size	1280×720
Frame Rate	50Hz:25fps(1280×720) 60Hz:30fps(1280×720)
Image setting	Brightness, contrast, saturation, sharpness can be adjusted
Backlight Compensation	Support
Storage function	FTP、Local、NVR、SMTP
Onvif	Onvif 2.4
Intelligent alarm	Motion detection、Privacy
Protocol	TCP/IP、HTTP、DHCP、FTP、DNS、DDNS、RTSP、NTP、SMTP
General function	Tri-Stream/Mirror
Communication interface	RJ45 (10M/100M) Adaptive Ethernet port
Temperature	-20℃～55℃
Humidity	0%-90%RH Without Condensation
Power	DC12V±5% / PoE(802.3af)
Size	38×38mm

5 Camera Structure

Illustration
The following structure diagram is used as an example for the different appearances of different models.

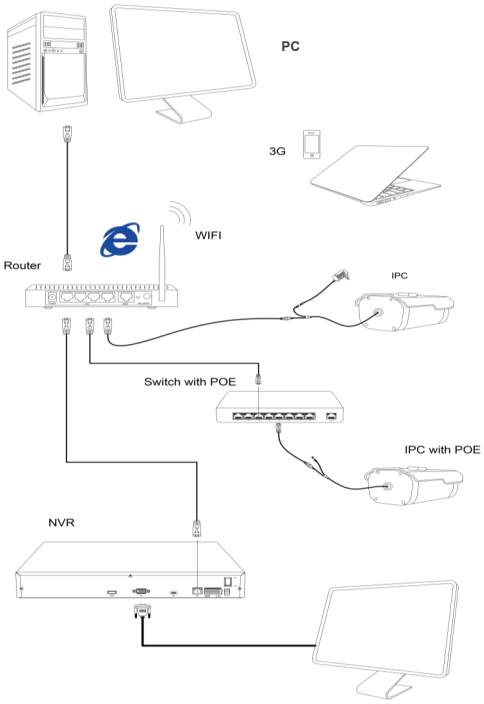
1. Input interface

External camera structure diagram



Sequence NO.	Interface	Functional description
1	Power connector	12V DC input power
2	Network interface	Network data transmission
3	Power connector（for stand-by power）	12V DC input power
4	Network interface	Network data transmission , 12V DC input power

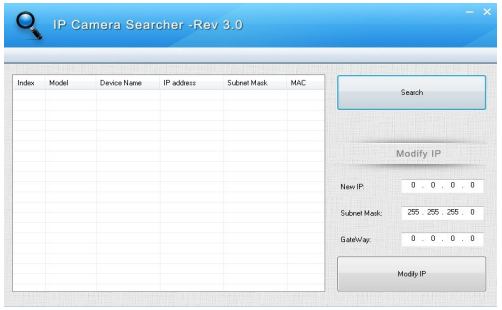
2. Device connection



6 Quick Configuration Tool

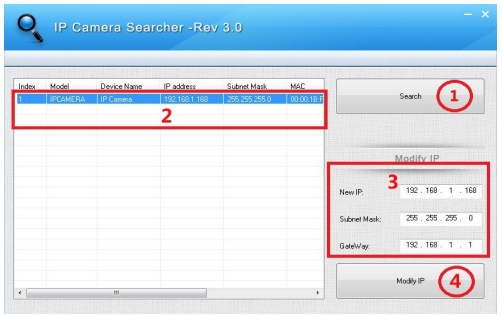
1.Install Client Software

Find out the document“IP Search.exe”, make a copy in the computer and double click to open it.
As shown in the picture:



2. Change the Camera’s IP Settings

Make sure IP camera is connected, and click Search to search the IP camera, find it, click it, and then change the IP settings.
Finally, click Modify IP to confirm the change.
As shown in the picture:



7 IE Connection

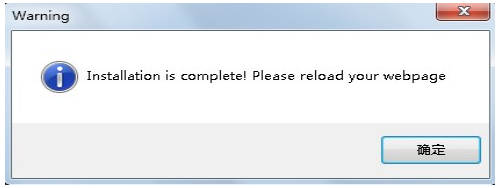
1.Browser settings

Open your IE browser， Click Tool→ Internet Option→ Security→ Customized Level→ Active X Control and Plug-in, select all "Enable".

2. Enter URL : http://192.168.1.168

3. Install control

An OCX control is needed in your computer for the first IP camera installation, click the pop up tip "**OK**" and install OCX control.
As shown in the picture:



4. **User login**

Refresh the website and enter correct user name and password.
Both the default user name and password are admin.

8 Computer Client Connection

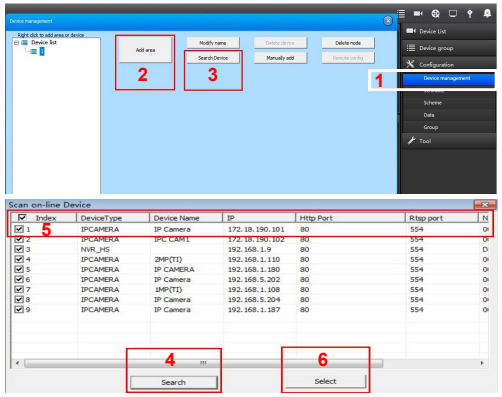
1. Install Computer Client Software CMS

Find out the document **“HeroSpeedCMS.exe”**, make a copy in your computer and double click to install it .

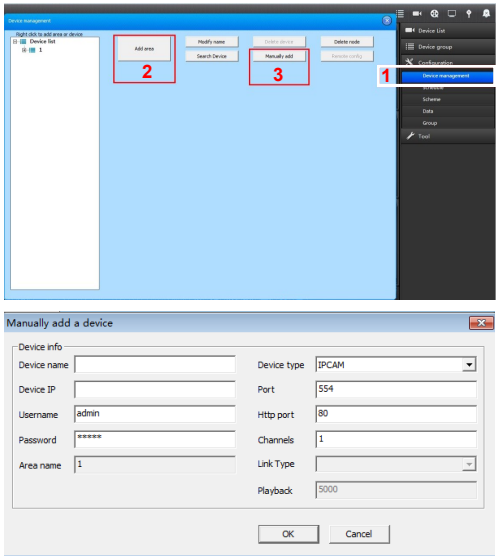
2.Search Add Device

Click “Search Device” to search for device in LAN, or add device manually.

※ **Search to add device:** Configuration Management→Device Management→ Add Device→ Online Searching→ Query → Select Device



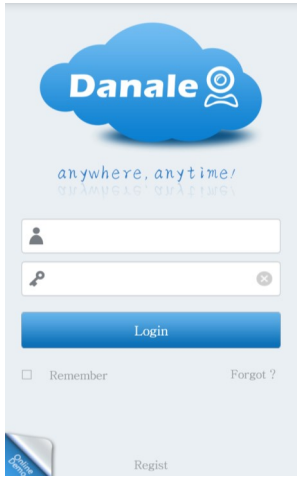
※ **Add device manually:** Configuration→Device Management →Add Manually



9 Mobile Client Connection

1. Install Mobile Monitoring Software

Enter URL on your phone: **www.danale.com**, download and install mobile monitoring software “**Danale**” .



2. Add Device

Click “**Add Device** ”, enter device name, serial number and password (You can directly scan the QR code to get the device serial number).